TECHNICAL SPECS & INFORMATION
Visual and Performing Arts
Rozsa Center for the Performing Arts
Tel. 906-487-1883
General Information

Shipping Address
VPA Rozsa Center for the Performing Arts
Michigan Technological University
1400 Townsend Drive
Rozsa 105
Houghton, Michigan, 49931

Technical Services
George Hommowun
Production Manager
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C: 616-780-5776

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O: 906-487-4382

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Rentals Coordinator
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O: 906-487-2856

Bethany Jones
Marketing Director
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O: 906-487-1836

Ticketing
Ashley DeVoge
Manager Central Ticketing Operations
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O: 906-487-2073

Mary Ann Struthers
Administrative Aide
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O: 906-487-2858

Travel Directions

From US-41
When arriving from the southeast end of Houghton:
• The Portage Lake Golf Course is on your left, and Portage Lake is on the right, as you arrive in Houghton. • Take the first right as you approach the MTU campus, and turn left into the Rozsa Center Parking Lot #8.

From M-26
When arriving from the southwest end of Houghton:
• Drive down the Copper Country Mall hill, which is M-26, and head toward the Portage Lake Lift Bridge.
• Stay in the right lane and follow the signs for US-41 South.
• Follow US-41 through Houghton. US-41 heads east along Montezuma Avenue, College Avenue, and then turns into Townsend Drive.
• As you pass through the MTU campus, the Rozsa Center will be on your left. • Turn left after passing the Rozsa Center and then left again into the Parking Lot #8.

Parking
Bus and truck parking is available in Parking Lot # 8, which is located off of Cliff Dr. on the south side of the road. Please contact the Production Manager with the number and types of vehicles before arrival.

Time Zone
EST-Eastern Standard Time
**Load-in Area**

**Loading Dock 1 (Primary Dock)**
- Door - 10’ 2” Wide x 14’ 1” Tall
- *Equipped with a lift platform – 7’8” Wide x 12’ 4” Long

**Loading Dock 2**
- Door - 10’ 2” Wide x 14’ 1” Tall
  - *Use of this door will need to be worked out 2-4 weeks in advance.

**Note:** Docks are at ground level, all loading and unloading must be done via ramps, to be provided by the tour.

**Stage Door**
- Stage doors from loading dock - 9’11” Wide x 14’ Tall

**NO SHORE POWER AVAILABLE AT THIS TIME.**
Carpentry

Seating Capacities

<table>
<thead>
<tr>
<th>Seating Type</th>
<th>Capacity</th>
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</thead>
<tbody>
<tr>
<td>Orchestra Pit</td>
<td>61</td>
</tr>
<tr>
<td>Orchestra</td>
<td>493</td>
</tr>
<tr>
<td>Tier</td>
<td>512 + 10 Handicap</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1076 + handicap</strong></td>
</tr>
</tbody>
</table>

Stage Dimensions

- **Stage Floor**: Masonite painted black in gently used condition
- **Proscenium width**: 39’ (theater mode)
- **Proscenium Height**: 30’
- **Height to Cloud**: 24’
- **Height to sound cluster**: 19’ 5”
- **Height stage floor to seating floor**: 3’ 5”
- **Plaster line to back wall**: 33’
- **Apron - Plaster line to Pit**: 7’
- **Pit Depth**: 12’ 10”
- **Wing Space from Centerline**: 40’ SR, 53’ SL
- **Grid Height**: 65’ from Deck to Steel

**Orchestra Pit**: spiral lift

- **Height**: 13’ 6”
- **Width**: 49’ 5”
- **Depth**: 12’ 10”
- **Depth at Orchestra Level**: 23’ 3”

Soft Goods

- **House Curtain**: Purple velour located 1’6” from proscenium. Guillotine or Fly.
- **Legs**: 6 sets, black, flat. 16’w x 30’
- **Borders**: 4 sets black, flat, 57’w x 10’
- **Traveler**: 2 sets, Black 57’w x 24’ with fullness, pulley SR
- **Scrim**: 1 Black 60’w x 30’, some damage to pipe pocket
- **Cyclorama**: 1– seamless filled scrim, natural, 60’w x 30’
  1 – seamless muslin, blue. 60w x 30’

Backline

- **StageRight orchestra shell**: 6’ wide x 12’ tall, eggshell
- **Wenger Versalite Platforms**: – leg heights from 8” to 48”
  15 @ 4’ x 8’ Decks
  12 @ wedge decks for orchestra setups
- **9 sections 4-step StageRight Alla Breve Choral Risers**
- **Orchestra Chairs**: 114 Gray Wenger orchestra chairs, 8 cello chairs
- **Music Stands**: 69 – Mixed Manhasset and Wenger
- **Lecterns**: 2 Speakers Choice, light oak veneer finish
- **Dance Floor**: 6 sections of Rosco Dance Floor, 63” x 43’
- **Fender Twin Reverb**
- **2 Bass Rigs**: GK-800RB heads, with Eden Electronics 1x15 and 4x10 cabinets
- **1 Pearl Maple Custom Drum Kit**: Rack-style stand: 22” kick; 16” floor; 10, 12, & 14” toms, snare
  Collection of Zildjian cymbals
- **1 Johannus Monarcke Organ**

Fly Rail

Located Stage Right. 26 lines available for scenery, some obstructions due to proximity of 3rd electric.
Sound Control

Midas M-32 Mixing Console – House System
Midas M-32 Mixing Console – Recording Studio
Midas Pro2-C – Monitors and McArdle Theater
Collection of Analog Consoles is available

Installed Speakers and Amps

Proscenium System (one speaker per side)
- D&B Audiotechnik C4 Top, P1200A Amplifier
- D&B Audiotechnik C4 Sub, P1200A Amplifier
- D&B Audiotechnik C7, E-PAC Amplifier
- D&B Audiotechnik B2 Subwoofer, A1 Amplifier

Center Channel Cluster
- (2) D&B Audiotechnik C4 Tops, P1200A Amplifier
- (2) D&B Audiotechnik C6, P1200A Amplifier

Portable Speakers
- 10 EV T221M Monitor Wedges
- 4 MacPherson M12BP monitor wedges
- 1 EAW SM5001V Drum Monitor
- 2 Meyers UPM-2P Powered Speakers
- 2 EAW KF695
- 2 EAW KF640

Microphones
- 7 Shure Beta57
- 6 Shure Beta58A
- 4 Shure Beta87A
- 2 Shure SM81-LC
- 1 AKG C414B-xls
- 1 AKG D112
- 1 AKG D224E
- 3 AT8533
- 2 Encore Blue100
- 1 EV US890 Gooseneck Podium Mic
- 4 Sennheiser E604
- 1 Sennheiser E905

Wireless Microphones
- 1 Sennheiser EM3032-U Dual Wireless system
- 4 Sennheiser EW500 Single Wireless system

Wardrobe

Dressing Rooms
- 2 Star dressing rooms, capacity 2 performers: 2 sinks, toilet, shower, 2 mirrors
- 2 Chorus dressing rooms, capacity 15 each: 3 sinks, 3 stalls, 2 showers, mirrors for 15
All dressing rooms include stage monitoring via audio, and closed-circuit video

Wardrobe Room

No specific room is designated. The choir room across from the chorus dressing rooms can be reserved and used for wardrobe with a 2 months reservation to displace academic classes
Washers and dryers available in adjacent building
Lighting

Control
ETC Ion, 1x20 fader bank, generally operated from the center house control table.

Electrics
All circuiting uses 20A Twist-lock connectors.
- FOH Catwalk 60’ from Proscenium, 27’ above deck. 30 circuits per side.
  - There is no center hang position on the FOH catwalks.
- 2 Box Booms each side at 10’ and 20’ from Proscenium line, 15 circuits per boom.
  1st Electric, 3’-10”, 40 circuits
  2nd Electric, 11’-5”, 24 circuits
  3rd Electric, 18’-4”, 24 circuits
  4th Electric, 23’-10”, 40 circuits
- 96 additional overhead circuits available via drop boxes.

Instruments
Inventory is shared with the McArdle Theater. Check with the Production Manager for availability.
- 44 ETC S4-10
- 20 ETC S4-19
- 75 ETC S4-26
- 65 ETC S4-36
- 40 ETC S4-Par
- 50 ETC S4-ParNel
- 44 Selecon Pacific 26-50 zoom
- 6 Selecon Aurora 4-cell cyc lights
- 8 MR-16, 3-Circuit Zip Strips
- 8 VariLite VL2416 wash lights
- 2 High End Systems Cyberlight Turbo
- Ample collection of cables, two-fers, adaptors, gels, frames, template holders, etc.

Specialty Equipment
- 2 Lycian SuperArc 400 Follow Spots
- 22 Choma-Q Mark II Color Scrollers
- 6 Wybron Forefunner Color Scrollers
- 4 Apollo Simple Spin Gobo Rotator
- 1 ReelFX DF-50 Hazer
- 1 Rosco 1500 Fog Machine
- Large supply of Rosco and Lee Gels
- Limited collection of Gobos

Rep Plot
- 4 FOH washes each using (10) S4-10
- 3 Back washes each using (20) S4-Pars and S4-Parnels
- 4 Side washes (2 from each side) each using combination of S4-19, S4-26, S4-36
- 4-Color Cyc Wash
- 40 Channels of Specials
- Complete matching system of colors for the Orchestra Pit/Apron

Projection
Christie WX-10K-M Projector, 10,000 lumens
Roland V-40HD Multi-Format Video switcher
Denon DBT-1712UD BluRay player
- 3 Sharp PG-D50X3D, DLP portable projectors, 5000 lumens
- 2 Asus VS239H-P, 23” ISP LED Backlit confidence monitors.

Power
- 2 400A Disconnects: one USL, one USR
- 3 200A Disconnects: two USL, one USR
- 2 Lex DB100A Power Distro
### Hotels and Motels

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>Phone Number</th>
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</thead>
<tbody>
<tr>
<td>Magnuson Franklin Square Inn</td>
<td>820 Shelden Ave</td>
<td>Houghton</td>
<td>906-487-1700</td>
</tr>
<tr>
<td>Holiday Inn Express</td>
<td>1110 Century Way</td>
<td>Houghton</td>
<td>906-482-1066</td>
</tr>
<tr>
<td>Country Inn &amp; Suites</td>
<td>919 Razorback Drive</td>
<td>Houghton</td>
<td>906-487-6700</td>
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<tr>
<td>Ramada Inn - Waterfront</td>
<td></td>
<td>Hancock</td>
<td>906-482-8400</td>
</tr>
<tr>
<td>Magnuson Copper Crown</td>
<td>505 Second Street</td>
<td>Hancock</td>
<td>906-289-4451</td>
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<tr>
<td>Julie’s Motor Inn</td>
<td>46995 US Highway 41</td>
<td>Houghton</td>
<td>906-482-5351</td>
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<tr>
<td>Travelodge</td>
<td>215 Shelden Ave</td>
<td>Houghton</td>
<td>906-482-1400</td>
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<tr>
<td>Super 8</td>
<td></td>
<td>Houghton</td>
<td>906-482-2240</td>
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<tr>
<td>Fitzgerald’s Eagle River Inn</td>
<td>5033 Front Street</td>
<td>Eagle River</td>
<td>906-337-0050</td>
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<tr>
<td>AmericInn</td>
<td>56925 South 6th St</td>
<td>Calumet</td>
<td>906-337-6463</td>
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<tr>
<td>Arcadian Inn</td>
<td>51950 US Hwy 41</td>
<td>Calumet</td>
<td>906-482-0288</td>
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<tr>
<td>King Copper Motel</td>
<td></td>
<td>Copper Harbor</td>
<td>906-289-4214</td>
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### Nearby Restaurants

<table>
<thead>
<tr>
<th>Name</th>
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<th>City</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suomi</td>
<td>54 Huron St</td>
<td>Houghton</td>
<td>906-482-3220</td>
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<tr>
<td>Ambassador</td>
<td>126 Shelden Ave</td>
<td>Downtown</td>
<td>906-482-5054</td>
</tr>
<tr>
<td>Victoria’s Kitchen</td>
<td>518 Sheldon Ave</td>
<td>Downtown</td>
<td>906-482-8650</td>
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<tr>
<td>Joey’s Seafood &amp; Grill</td>
<td>304 Sheldon Ave</td>
<td>Downtown</td>
<td>906-483-0500</td>
</tr>
<tr>
<td>Rodeo Mexican Grill</td>
<td>200 Pearl St</td>
<td>Downtown</td>
<td>906-523-5565</td>
</tr>
<tr>
<td>Bambu</td>
<td>1301 Ridge St</td>
<td>4 miles West</td>
<td>906-482-7600</td>
</tr>
<tr>
<td>Hunan Garden</td>
<td>301 Sheldon Ave</td>
<td>Downtown</td>
<td>906-483-8588</td>
</tr>
<tr>
<td>Jimmy Johns</td>
<td>811 Shelden Ave</td>
<td>Downtown</td>
<td>906-483-1768</td>
</tr>
<tr>
<td>Racers Burger Bistro</td>
<td>787 Market St,</td>
<td>Hancock</td>
<td>2.5 miles west</td>
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<tr>
<td>Habaneros</td>
<td>101 E. Quincy St.</td>
<td>Hancock</td>
<td>906-523-5899</td>
</tr>
<tr>
<td>Pilgrim River Steak House</td>
<td>47409 US 41</td>
<td>1 mile east</td>
<td></td>
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### Emergency Numbers

| Public Safety                        | 906-487-2216                     |
| Fire                                 | 906-482-0009                     |
| Houghton Police                      | 906-482-1700                     |
| Ambulance                            | 906-482-0932                     |
| Emergency Room                       | 906-483-1000                     |
| Chiropractic Clinic                  | 906-553-2045                     |
| Dental Clinic                        | 906-482-0808                     |
| Portage Health                       | 906-483-1000                     |
| Keweenaw Chiropractic                | 906-553-2045                     |
| Copper Country Family                | 906-482-0808                     |
| 500 Campus Drive                     |                                  |